

## ABSTRACT OF THE DISCLOSURE

Methods for decomposing compound documents for mixed raster content representation are provided. A method for decomposing an image includes the step of decomposing the image into a plurality of  
5 stripes. Each stripe is decomposed into foreground, background, and mask layers. The layers are interpolated to modify values of irrelevant pixels in order to achieve more efficient compression. The layers may subsequently be compressed with a coder.

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